

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 02 AUG 2005

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Applicant's or agent's file reference OPF0293/PCT	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/KR2003/001034	International filing date (day/month/year) 27 MAY 2003 (27.05.2003)	Priority date (day/month/year) 31 MARCH 2003 (31.03.2003)
International Patent Classification (IPC) or national classification and IPC IPC7 A61N 1/00		
Applicant MO, Seung-Kee		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 4 sheets, including this cover sheet.
- ☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).
- These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 29 OCTOBER 2004 (29.10.2004)	Date of completion of this report 01 JULY 2005 (01.07.2005)
Name and mailing address of the IPEA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer KWON, In Sup Telephone No. 82-42-481-5570 

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/KR2003/001034

I. Basis of the report

1. With regard to the elements of the international application:*

- ☒ the international application as originally filed
- ☐ the description:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the claims:
pages _____, as originally filed
pages _____, as amended (together with any statement) under Article 19
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the drawings:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: English which is

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☒ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item I and annexed to this report.

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INTERNATIONAL PRELIMINARY EXAMINATION

International application No.

PCT/KR2003/001034

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Claims	1 - 26	YES
	Claims	NONE	NO
Inventive step (IS)	Claims	1 - 26	YES
	Claims	NONE	NO
Industrial applicability (IA)	Claims	1 - 26	YES
	Claims	NONE	NO

2. Citations and explanations (Rule 70.7)

Reference is made to the following documents:

D1 : US 5066272 A
 D2 : US 5725471 A
 D3 : KR 2002-26406 A
 D4 : US 2002/0072769 A1

1. NOVELTY: Claims 1 to 26

The present invention is provided to supply magnetic stimulus to a human body. Claim 1 of the present invention as an independent claim presents the components of the present invention such as a driving voltage supplying section, a capacity section, an input switch section, a coil, an output switch section, and a shunt switch section.

Claim 14 as an independent claim, defines the technical feature of the driving voltage supplying section of claim 1 in greater detail.

Claim 16 as an independent claim relates to a method of supplying a pulse current to generate magnetic stimulation by means of the technical feature of claim 1.

Claim 24 as an independent claim, relates to a magnetic flux emitting unit having a coil, a case, a grip, and a lead line.

Claims 2-13, claim 15, claims 17-23, and claims 25-26 are dependent on claim 1, claim 14, claim 16 and claim 24 respectively.

Though the above documents relate to a means for supplying magnetic stimulus to a human body by generating magnetic field, they do not disclose a shunt switch section of the present invention.

Accordingly, claims 1, 14, 16 are novel and their dependent claims 2-13, 15, 17-23 are also novel. In addition, claims 24-26 are also novel since the subject matter of claims 24-26 is not disclosed in the cited prior art documents.

(Continued on Supplemental Sheet.)

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Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of:

Box V.

2. Inventive Step: Claims 1-26

None of the prior art documents teach or suggest the present shunt switch section of claims 1-23, and a person skilled in the art is not considered to easily add the technical feature corresponding to the present shunt switch section with the teaching of the cited prior art documents.

In addition, the combination of a coil, a case, a grip, and a lead line disclosed in claims 24-26 is not disclosed in the prior art documents, and a person skilled in the art cannot easily select the technical feature of claims 24-26 from the cited prior art documents.

3. Industrial Applicability

All claims are considered to be industrially applicable.

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